

Bacteria Report - Total Enterococcus

Sampling Period 4/1/15 - 5/27/15

University of Delaware Citizen Monitoring Program

Total Enterococcus (TE) are a group of bacteria that are normally found in the guts and feces of warm-blooded animals (mammals and birds). The EPA and the State of Delaware use TE as the best, easily-measured bacterial indicator of the risk of acquiring gastroenteritis from swimming in fecal contaminated water.

Watershed	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
Fresh water sites		EPA Fresh Water Standards for Swimming		185	100	
Broadkill River						
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	5/20/2015	10:30	10	15	3
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	5/20/2015	9:20	223	Insufficient data	2
Dirickson Pond						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	5/19/2015	7:45	10	16	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	5/18/2015	8:05	171	585	3
Tidal water sites		EPA Tidal Water Standards for Swimming		104	35	
Broadkill River						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	5/20/2015	8:45	5	8	3
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	5/20/2015	6:35	272	44	3
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	5/20/2015	11:35	97	128	3
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	5/20/2015	11:08	1,017	87	3
Delaware Bay						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	5/19/2015	6:45	96	55	3
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	5/20/2015	7:36	5	5	3
Indian River						
<u>Indian River</u>	IR04: Warwick Cove	5/18/2015	10:19	5	Insufficient data	2
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	5/18/2015	10:51	5	10	3
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	5/18/2015	9:57	173	120	3
<u>Vines Creek</u>	IR38: Vines Lane	5/19/2015	10:35	10	93	3
<u>White Creek</u>	IR32: Holly Terrace Acres Canal Dead End, White Creek	5/18/2015	9:03	135	Insufficient data	1
Little Assawoman Bay						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/18/2015	7:06	85	33	3
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	5/18/2015	8:25	1,936	344	3
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	5/18/2015	7:53	464	Insufficient data	2
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	5/19/2015	7:36	388	252	3
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	5/19/2015	7:27	63	18	3
<u>Jefferson Creek</u>	SB06: Brandywine Canal	5/19/2015	7:32	134	116	3
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	5/19/2015	7:14	20	27	3
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	5/19/2015	8:50	10	12	3
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	5/19/2015	9:05	20	8	3
Rehoboth Bay						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	5/18/2015	8:15	650	297	3
<u>Guinea Creek</u>	RB06A: Guinea Creek @ Rd 298 Bridge	5/18/2015	7:53	733	477	3
<u>Herring Creek</u>	RB90: Burton Prong	5/18/2015	8:00	393	281	3

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Watershed				Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<u>Tributary</u>	Site: Name							
Tidal water sites		EPA Tidal Water Standards for Swimming				104	35	
Rehoboth Bay								
<u>Love Creek</u>	RB34: Love Creek at Rt 24 Bridge			5/19/2015	11:16	471	70	3

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